

Serial Number:

09/720,534A

CRF Processing Date: 2/12/2001

Edited by:

Verified by:

(STIC staff)

ENTERED

☐

Changed a file from non-ASCII to ASCII

☐

Changed the margins in cases where the sequence text was wrapped down to the next line.

☐

Edited a format error in the Current Application Data section, specifically:

☐Edited the Current Application Data section with the actual current number. The number inputted by the applicant was ☐ the prior application data; or ☐ other \_\_\_\_\_☐

Added the mandatory heading and subheadings for "Current Application Data".

☐

Edited the "Number of Sequences" field. The applicant spelled out a number instead of using an integer.

☐

Changed the spelling of a mandatory field (the headings or subheadings), specifically:

☒

Corrected the SEQ ID NO when obviously incorrect. The sequence numbers that were edited were: 29

☐

Inserted or corrected a nucleic number at the end of a nucleic line. SEQ ID NO's edited:

☐

Corrected subheading placement. All responses must be on the same line as each subheading. If the applicant placed a response below the subheading, this was moved to its appropriate place.

☐

Inserted colons after headings/subheadings. Headings edited included:

☐

Deleted extra, invalid, headings used by an applicant, specifically:

☐Deleted: ☐ non-ASCII "garbage" at the beginning/end of files; ☐ secretary initials/filename at end of file; ☐ page numbers throughout text; ☐ other invalid text, such as \_\_\_\_\_☐

Inserted mandatory headings, specifically: \_\_\_\_\_

☐

Corrected an obvious error in the response, specifically: \_\_\_\_\_

☐

Edited identifiers where upper case is used but lower case is required, or vice versa.

☐

Corrected an error in the Number of Sequences field, specifically: \_\_\_\_\_

☐

A "Hard Page Break" code was inserted by the applicant. All occurrences had to be deleted.

☐

Deleted ending stop codon in amino acid sequences and adjusted the "(A)Length:" field accordingly (error due to a PatenIn bug). Sequences corrected: \_\_\_\_\_

☐

Other: \_\_\_\_\_

\*Examiner: The above corrections must be communicated to the applicant in the first Office Action. DO NOT send a copy of this form.

## RAW SEQUENCE LISTING

DATE: 07/12/2001

PATENT APPLICATION: US/09/720,534A

TIME: 19:14:48

Input Set : A:\Pto.amc

Output Set: N:\CRF3\07122001\I720534A.raw

3 &lt;110&gt; APPLICANT: Sagami Chemical Research Center et al.

5 <120> TITLE OF INVENTION: Human Proteins Having Hydrophobic Domains And DNAs Encoding  
These

6 Proteins

8 &lt;130&gt; FILE REFERENCE: 661101

W--&gt; 10 &lt;140&gt; CURRENT APPLICATION NUMBER: US/09/720,534A

C--&gt; 10 &lt;141&gt; CURRENT FILING DATE: 2000-12-19

12 &lt;150&gt; PRIOR APPLICATION NUMBER: JP 10-180008

13 &lt;151&gt; PRIOR FILING DATE: 1998-06-26

15 &lt;160&gt; NUMBER OF SEQ ID NOS: 40

17 &lt;170&gt; SOFTWARE: Windows 95 (Word 98)

19 &lt;210&gt; SEQ ID NO: 1

20 &lt;211&gt; LENGTH: 238

21 &lt;212&gt; TYPE: PRT

22 &lt;213&gt; ORGANISM: Homo sapiens

24 &lt;400&gt; SEQUENCE: 1

```

25 Met Ala Leu Val Pro Cys Gln Val Leu Arg Met Ala Ile Leu Leu Ser
26   1           5           10           15
27 Tyr Cys Ser Ile Leu Cys Asn Tyr Lys Ala Ile Glu Met Pro Ser His
28           20           25           30
29 Gln Thr Tyr Gly Gly Ser Trp Lys Phe Leu Thr Phe Ile Asp Leu Val
30           35           40           45
31 Ile Gln Ala Val Phe Phe Gly Ile Cys Val Leu Thr Asp Leu Ser Ser
32           50           55           60
33 Leu Leu Thr Arg Gly Ser Gly Asn Gln Glu Gln Glu Arg Gln Leu Lys
34  65           70           75           80
35 Lys Leu Ile Ser Leu Arg Asp Trp Met Leu Ala Val Leu Ala Phe Pro
36           85           90           95
37 Val Gly Val Phe Val Val Ala Val Phe Trp Ile Ile Tyr Ala Tyr Asp
38           100          105          110
39 Arg Glu Met Ile Tyr Pro Lys Leu Leu Asp Asn Phe Ile Pro Gly Trp
40           115          120          125
41 Leu Asn His Gly Met His Thr Thr Val Leu Pro Phe Ile Leu Ile Glu
42           130          135          140
43 Met Arg Thr Ser His His Gln Tyr Pro Ser Arg Ser Ser Gly Leu Thr
44 145           150          155          160
45 Ala Ile Cys Thr Phe Ser Val Gly Tyr Ile Leu Trp Val Cys Trp Val
46           165          170          175
47 His His Val Thr Gly Met Trp Val Tyr Pro Phe Leu Glu His Ile Gly
48           180          185          190
49 Pro Gly Ala Arg Ile Ile Phe Phe Gly Ser Thr Thr Ile Leu Met Asn
50           195          200          205
51 Phe Leu Tyr Leu Leu Gly Glu Val Leu Asn Asn Tyr Ile Trp Asp Thr
52           210          215          220
53 Gln Lys Ser Met Glu Glu Glu Lys Glu Lys Pro Lys Leu Glu
54 225           230          235
56 <210> SEQ ID NO: 2
57 <211> LENGTH: 194

```

## RAW SEQUENCE LISTING

DATE: 07/12/2001

PATENT APPLICATION: US/09/720,534A

TIME: 19:14:48

Input Set : A:\Pto.amc

Output Set: N:\CRF3\07122001\I720534A.raw

```

58 <212> TYPE: PRT
59 <213> ORGANISM: Homo sapiens
61 <400> SEQUENCE: 2
62 Met Ala Asp Pro Leu Arg Glu Arg Thr Glu Leu Leu Leu Ala Asp Tyr
63   1           5           10           15
64 Leu Gly Tyr Cys Ala Arg Glu Pro Gly Thr Pro Glu Pro Ala Pro Ser
65           20           25           30
66 Thr Pro Glu Ala Ala Val Leu Arg Ser Ala Ala Ala Arg Leu Arg Gln
67           35           40           45
68 Ile His Arg Ser Phe Phe Ser Ala Tyr Leu Gly Tyr Pro Gly Asn Arg
69           50           55           60
70 Phe Glu Leu Val Ala Leu Met Ala Asp Ser Val Leu Ser Asp Ser Pro
71   65           70           75           80
72 Gly Pro Thr Trp Gly Arg Val Val Thr Leu Val Thr Phe Ala Gly Thr
73           85           90           95
74 Leu Leu Glu Arg Gly Pro Leu Val Thr Ala Arg Trp Lys Lys Trp Gly
75           100          105          110
76 Phe Gln Pro Arg Leu Lys Glu Gln Glu Gly Asp Val Ala Arg Asp Cys
77           115          120          125
78 Gln Arg Leu Val Ala Leu Leu Ser Ser Arg Leu Met Gly Gln His Arg
79           130          135          140
80 Ala Trp Leu Gln Ala Gln Gly Gly Trp Asp Gly Phe Cys His Phe Phe
81  145          150          155          160
82 Arg Thr Pro Phe Pro Leu Ala Phe Trp Arg Lys Gln Leu Val Gln Ala
83           165          170          175
84 Phe Leu Ser Cys Leu Leu Thr Thr Ala Phe Ile Tyr Leu Trp Thr Arg
85           180          185          190
86 Leu Leu
88 <210> SEQ ID NO: 3
89 <211> LENGTH: 139
90 <212> TYPE: PRT
91 <213> ORGANISM: Homo sapiens
93 <400> SEQUENCE: 3
94 Met Glu Ala Val Val Phe Val Phe Ser Leu Leu Asp Cys Cys Ala Leu
95   1           5           10           15
96 Ile Phe Leu Ser Val Tyr Phe Ile Ile Thr Leu Ser Asp Leu Glu Cys
97           20           25           30
98 Asp Tyr Ile Asn Ala Arg Ser Cys Cys Ser Lys Leu Asn Lys Trp Val
99           35           40           45
100 Ile Pro Glu Leu Ile Gly His Thr Ile Val Thr Val Leu Leu Leu Met
101           50           55           60
102 Ser Leu His Trp Phe Ile Phe Leu Leu Asn Leu Pro Val Ala Thr Trp
103   65           70           75           80
104 Asn Ile Tyr Arg Tyr Ile Met Val Pro Ser Gly Asn Met Gly Val Phe
105           85           90           95
106 Asp Pro Thr Glu Ile His Asn Arg Gly Gln Leu Lys Ser His Met Lys
107           100          105          110
108 Glu Ala Met Ile Lys Leu Gly Phe His Leu Leu Cys Phe Phe Met Tyr
109           115          120          125

```

## RAW SEQUENCE LISTING

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TIME: 19:14:48

Input Set : A:\Pto.amc

Output Set: N:\CRF3\07122001\I720534A.raw

```

110 Leu Tyr Ser Met Ile Leu Ala Leu Ile Asn Asp
111      130                      135
113 <210> SEQ ID NO: 4
114 <211> LENGTH: 323
115 <212> TYPE: PRT
116 <213> ORGANISM: Homo sapiens
118 <400> SEQUENCE: 4
119 Met Ala Ala Pro Lys Gly Ser Leu Trp Val Arg Thr Gln Leu Gly Leu
120 1      5      10      15
121 Pro Pro Leu Leu Leu Leu Thr Met Ala Leu Ala Gly Gly Ser Gly Thr
122      20      25      30
123 Ala Ser Ala Glu Ala Phe Asp Ser Val Leu Gly Asp Thr Ala Ser Cys
124      35      40      45
125 His Arg Ala Cys Gln Leu Thr Tyr Pro Leu His Thr Tyr Pro Lys Glu
126      50      55      60
127 Glu Glu Leu Tyr Ala Cys Gln Arg Gly Cys Arg Leu Phe Ser Ile Cys
128 65      70      75      80
129 Gln Phe Val Asp Asp Gly Ile Asp Leu Asn Arg Thr Lys Leu Glu Cys
130      85      90      95
131 Glu Ser Ala Cys Thr Glu Ala Tyr Ser Gln Ser Asp Glu Gln Tyr Ala
132      100     105     110
133 Cys His Leu Gly Cys Gln Asn Gln Leu Pro Phe Ala Glu Leu Arg Gln
134      115     120     125
135 Glu Gln Leu Met Ser Leu Met Pro Lys Met His Leu Leu Phe Pro Leu
136      130     135     140
137 Thr Leu Val Arg Ser Phe Trp Ser Asp Met Met Asp Ser Ala Gln Ser
138 145     150     155     160
139 Phe Ile Thr Ser Ser Trp Thr Phe Tyr Leu Gln Ala Asp Asp Gly Lys
140      165     170     175
141 Ile Val Ile Phe Gln Ser Lys Pro Glu Ile Gln Tyr Ala Pro His Leu
142      180     185     190
143 Glu Gln Glu Pro Thr Asn Leu Arg Glu Ser Ser Leu Ser Lys Met Ser
144      195     200     205
145 Tyr Leu Gln Met Arg Asn Ser Gln Ala His Arg Asn Phe Leu Glu Asp
146      210     215     220
147 Gly Glu Ser Asp Gly Phe Leu Arg Cys Leu Ser Leu Asn Ser Gly Trp
148 225     230     235     240
149 Ile Leu Thr Thr Thr Leu Val Leu Ser Val Met Val Leu Leu Trp Ile
150      245     250     255
151 Cys Cys Ala Thr Val Ala Thr Ala Val Glu Gln Tyr Val Pro Ser Glu
152      260     265     270
153 Lys Leu Ser Ile Tyr Gly Asp Leu Glu Phe Met Asn Glu Gln Lys Leu
154      275     280     285
155 Asn Arg Tyr Pro Ala Ser Ser Leu Val Val Val Arg Ser Lys Thr Glu
156      290     295     300
157 Asp His Glu Glu Ala Gly Pro Leu Pro Thr Lys Val Asn Leu Ala His
158 305     310     315     320
159 Ser Glu Ile
161 <210> SEQ ID NO: 5

```

## RAW SEQUENCE LISTING

DATE: 07/12/2001

PATENT APPLICATION: US/09/720,534A

TIME: 19:14:48

Input Set : A:\Pto.amc

Output Set: N:\CRF3\07122001\I720534A.raw

162 &lt;211&gt; LENGTH: 231

163 &lt;212&gt; TYPE: PRT

164 &lt;213&gt; ORGANISM: Homo sapiens

166 &lt;400&gt; SEQUENCE: 5

```

167 Met Arg Arg Cys Ser Leu Cys Ala Phe Asp Ala Ala Arg Gly Pro Arg
168   1         5         10         15
169 Arg Leu Met Arg Val Gly Leu Ala Leu Ile Leu Val Gly His Val Asn
170         20         25         30
171 Leu Leu Leu Gly Ala Val Leu His Gly Thr Val Leu Arg His Val Ala
172         35         40         45
173 Asn Pro Arg Gly Ala Val Thr Pro Glu Tyr Thr Val Ala Asn Val Ile
174         50         55         60
175 Ser Val Gly Ser Gly Leu Ser Val Ser Val Gly Leu Val Ala Leu
176   65         70         75         80
177 Leu Ala Ser Arg Asn Leu Leu Arg Pro Pro Leu His Trp Val Leu Leu
178         85         90         95
179 Ala Leu Ala Leu Val Asn Leu Leu Leu Ser Val Ala Cys Ser Leu Gly
180         100        105        110
181 Leu Leu Leu Ala Val Ser Leu Thr Val Ala Asn Gly Gly Arg Arg Leu
182         115        120        125
183 Ile Ala Asp Cys His Pro Gly Leu Leu Asp Pro Leu Val Pro Leu Asp
184         130        135        140
185 Glu Gly Pro Gly His Thr Asp Cys Pro Phe Asp Pro Thr Arg Ile Tyr
186   145        150        155        160
187 Asp Thr Ala Leu Ala Leu Trp Ile Pro Ser Leu Leu Met Ser Ala Gly
188         165        170        175
189 Glu Ala Ala Leu Ser Gly Tyr Cys Cys Val Ala Ala Leu Thr Leu Arg
190         180        185        190
191 Gly Val Gly Pro Cys Arg Lys Asp Gly Leu Gln Gly Gln Val Val Ala
192         195        200        205
193 Gly Cys Asp Ala Arg Val Lys Gln Lys Ala Trp Gln Pro Arg Phe Pro
194         210        215        220
195 Gly Ile Lys Val Lys Ala Leu
196 225        230

```

198 &lt;210&gt; SEQ ID NO: 6

199 &lt;211&gt; LENGTH: 97

200 &lt;212&gt; TYPE: PRT

201 &lt;213&gt; ORGANISM: Homo sapiens

203 &lt;400&gt; SEQUENCE: 6

```

204 Met Thr Ser Leu Leu Thr Thr Pro Ser Pro Arg Glu Glu Leu Met Thr
205   1         5         10         15
206 Thr Pro Ile Leu Gln Pro Thr Glu Ala Leu Ser Pro Glu Asp Gly Ala
207         20         25         30
208 Ser Thr Ala Leu Ile Ala Val Val Ile Thr Val Val Phe Leu Thr Leu
209         35         40         45
210 Leu Ser Val Val Ile Leu Ile Phe Phe Tyr Leu Tyr Lys Asn Lys Gly
211         50         55         60
212 Ser Tyr Val Thr Tyr Glu Pro Thr Glu Gly Glu Pro Ser Ala Ile Val
213   65         70         75         80

```

## RAW SEQUENCE LISTING

DATE: 07/12/2001

PATENT APPLICATION: US/09/720,534A

TIME: 19:14:48

Input Set : A:\Pto.amc

Output Set: N:\CRF3\07122001\I720534A.raw

```

214 Gln Met Glu Ser Asp Leu Ala Lys Gly Ser Glu Lys Glu Glu Tyr Phe
215             85             90             95
216 Ile
218 <210> SEQ ID NO: 7
219 <211> LENGTH: 198
220 <212> TYPE: PRT
221 <213> ORGANISM: Homo sapiens
223 <400> SEQUENCE: 7
224 Met Ala Thr Leu Trp Gly Gly Leu Leu Arg Leu Gly Ser Leu Leu Ser
225   1             5             10             15
226 Leu Ser Cys Leu Ala Leu Ser Val Leu Leu Leu Ala Gln Leu Ser Asp
227             20             25             30
228 Ala Ala Lys Asn Phe Glu Asp Val Arg Cys Lys Cys Ile Cys Pro Pro
229             35             40             45
230 Tyr Lys Glu Asn Ser Gly His Ile Tyr Asn Lys Asn Ile Ser Gln Lys
231             50             55             60
232 Asp Cys Asp Cys Leu His Val Val Glu Pro Met Pro Val Arg Gly Pro
233   65             70             75             80
234 Asp Val Glu Ala Tyr Cys Leu Arg Cys Glu Cys Lys Tyr Glu Glu Arg
235             85             90             95
236 Ser Ser Val Thr Ile Lys Val Thr Ile Ile Ile Tyr Leu Ser Ile Leu
237             100            105            110
238 Gly Leu Leu Leu Leu Tyr Met Val Tyr Leu Thr Leu Val Glu Pro Ile
239             115            120            125
240 Leu Lys Arg Arg Leu Phe Gly His Ala Gln Leu Ile Gln Ser Asp Asp
241             130            135            140
242 Asp Ile Gly Asp His Gln Pro Phe Ala Asn Ala His Asp Val Leu Ala
243   145            150            155            160
244 Arg Ser Arg Ser Arg Ala Asn Val Leu Asn Lys Val Glu Tyr Ala Gln
245             165            170            175
246 Gln Arg Trp Lys Leu Gln Val Gln Glu Gln Arg Lys Ser Val Phe Asp
247             180            185            190
248 Arg His Val Val Leu Ser
249             195
251 <210> SEQ ID NO: 8
252 <211> LENGTH: 140
253 <212> TYPE: PRT
254 <213> ORGANISM: Homo sapiens
256 <400> SEQUENCE: 8
257 Met Gly Arg Val Ser Gly Leu Val Pro Ser Arg Phe Leu Thr Leu Leu
258   1             5             10             15
259 Ala His Leu Val Val Val Ile Thr Leu Phe Trp Ser Arg Asp Ser Asn
260             20             25             30
261 Ile Gln Ala Cys Leu Pro Leu Thr Phe Thr Pro Glu Glu Tyr Asp Lys
262             35             40             45
263 Gln Asp Ile Gln Leu Val Ala Ala Leu Ser Val Thr Leu Gly Leu Phe
264             50             55             60
265 Ala Val Glu Leu Ala Gly Phe Leu Ser Gly Val Ser Met Phe Asn Ser
266   65             70             75             80

```

VERIFICATION SUMMARY

DATE: 07/12/2001

PATENT APPLICATION: US/09/720,534A

TIME: 19:14:49

Input Set : A:\Pto.amc

Output Set: N:\CRF3\07122001\I720534A.raw

L:10 M:282 W: Numeric Field Identifier Missing, <140> CURRENT APPLICATION NUMBER: is Added.

L:10 M:271 C: Current Filing Date differs, Replaced Current Filing Date

PCT09

## RAW SEQUENCE LISTING

DATE: 06/22/2001

PATENT APPLICATION: US/09/720,534A

TIME: 11:04:28

Input Set : A:\ES.txt

Output Set: N:\CRF3\06222001\I720534A.raw

Does Not Comply  
Corrected Diskette Needed

3 &lt;110&gt; APPLICANT: Sagami Chemical Research Center et al.

5 <120> TITLE OF INVENTION: Human Proteins Having Hydrophobic Domains And DNAs Encoding  
These

6 Proteins

8 &lt;130&gt; FILE REFERENCE: 661101

W--&gt; 10 &lt;140&gt; CURRENT APPLICATION NUMBER: US/09/720,534A

C--&gt; 10 &lt;141&gt; CURRENT FILING DATE: 2000-12-19

12 &lt;150&gt; PRIOR APPLICATION NUMBER: JP 10-180008

13 &lt;151&gt; PRIOR FILING DATE: 1998-06-26

15 &lt;160&gt; NUMBER OF SEQ ID NOS: 40

17 &lt;170&gt; SOFTWARE: Windows 95 (Word 98)

## ERRORED SEQUENCES

776 &lt;210&gt; SEQ ID NO: 27

777 &lt;211&gt; LENGTH: 1121

778 &lt;212&gt; TYPE: DNA

779 &lt;213&gt; ORGANISM: Homo sapiens

E--&gt; 781 &lt;400&gt; SEQUENCE: 24 27

782 gacagagggg aacaag atg gcg gcg ccg aag ggg agc ctc tgg gtg agg acc 52

783 Met Ala Ala Pro Lys Gly Ser Leu Trp Val Arg Thr

784 1 5 10

785 caa ctg ggg ctc ccg ccg ctg ctg ctg acc atg gcc ttg gcc gga 100

786 Gln Leu Gly Leu Pro Pro Leu Leu Leu Leu Thr Met Ala Leu Ala Gly

787 15 20 25

788 ggt tcg ggg acc gct tcg gct gaa gca ttt gac tcg gtc ttg ggt gat 148

789 Gly Ser Gly Thr Ala Ser Ala Glu Ala Phe Asp Ser Val Leu Gly Asp

790 30 35 40

791 acg gcg tct tgc cac ccg gcc tgt cag ttg acc tac ccc ttg cac acc 196

792 Thr Ala Ser Cys His Arg Ala Cys Gln Leu Thr Tyr Pro Leu His Thr

793 45 50 55 60

794 tac cct aag gaa gag gag ttg tac gca tgt cag aga ggt tgc agg ctg 244

795 Tyr Pro Lys Glu Glu Glu Leu Tyr Ala Cys Gln Arg Gly Cys Arg Leu

796 65 70 75

797 ttt tca att tgt cag ttt gtg gat gat gga att gac tta aat cga act 292

798 Phe Ser Ile Cys Gln Phe Val Asp Asp Gly Ile Asp Leu Asn Arg Thr

799 80 85 90

800 aaa ttg gaa tgt gaa tct gca tgt aca gaa gca tat tcc caa tct gat 340

801 Lys Leu Glu Cys Glu Ser Ala Cys Thr Glu Ala Tyr Ser Gln Ser Asp

802 95 100 105

803 gag caa tat gct tgc cat ctt ggt tgc cag aat cag ctg cca ttc gct 388

804 Glu Gln Tyr Ala Cys His Leu Gly Cys Gln Asn Gln Leu Pro Phe Ala

805 110 115 120

806 gaa ctg aga caa gaa caa ctt atg tcc ctg atg cca aaa atg cac cta 436

807 Glu Leu Arg Gln Glu Gln Leu Met Ser Leu Met Pro Lys Met His Leu

808 125 130 135 140

809 ctc ttt cct cta act ctg gtg agg tca ttc tgg agt gac atg atg gac 484



## RAW SEQUENCE LISTING

DATE: 06/22/2001

PATENT APPLICATION: US/09/720,534A

TIME: 11:04:28

Input Set : A:\ES.txt

Output Set: N:\CRF3\06222001\I720534A.raw

810	Leu	Phe	Pro	Leu	Thr	Leu	Val	Arg	Ser	Phe	Trp	Ser	Asp	Met	Met	Asp	
811					145					150				155			
812	tcc	gca	cag	agc	ttc	ata	acc	tct	tca	tgg	act	ttt	tat	ctt	caa	gcc	532
813	Ser	Ala	Gln	Ser	Phe	Ile	Thr	Ser	Ser	Trp	Thr	Phe	Tyr	Leu	Gln	Ala	
814				160					165					170			
815	gat	gac	gga	aaa	ata	gtt	ata	ttc	cag	tct	aag	cca	gaa	atc	cag	tac	580
816	Asp	Asp	Gly	Lys	Ile	Val	Ile	Phe	Gln	Ser	Lys	Pro	Glu	Ile	Gln	Tyr	
817			175					180					185				
818	gca	cca	cat	ttg	gag	cag	gag	cct	aca	aat	ttg	aga	gaa	tca	tct	cta	628
819	Ala	Pro	His	Leu	Glu	Gln	Glu	Pro	Thr	Asn	Leu	Arg	Glu	Ser	Ser	Leu	
820		190					195					200					
821	agc	aaa	atg	tcc	tat	ctg	caa	atg	aga	aat	tca	caa	gcg	cac	agg	aat	676
822	Ser	Lys	Met	Ser	Tyr	Leu	Gln	Met	Arg	Asn	Ser	Gln	Ala	His	Arg	Asn	
823	205					210				215					220		
824	ttt	ctt	gaa	gat	gga	gaa	agt	gat	ggc	ttt	tta	aga	tgc	ctc	tct	ctt	724
825	Phe	Leu	Glu	Asp	Gly	Glu	Ser	Asp	Gly	Phe	Leu	Arg	Cys	Leu	Ser	Leu	
826				225					230					235			
827	aac	tct	ggg	tgg	att	tta	act	aca	act	ctt	gtc	ctc	tcg	gtg	atg	gta	772
828	Asn	Ser	Gly	Trp	Ile	Leu	Thr	Thr	Thr	Leu	Val	Leu	Ser	Val	Met	Val	
829			240					245					250				
830	ttg	ctt	tgg	att	tgt	tgt	gca	act	gtt	gct	aca	gct	gtg	gag	cag	tat	820
831	Leu	Leu	Trp	Ile	Cys	Cys	Ala	Thr	Val	Ala	Thr	Ala	Val	Glu	Gln	Tyr	
832			255					260					265				
833	gtt	ccc	tct	gag	aag	ctg	agt	atc	tat	ggg	gac	ttg	gag	ttt	atg	aat	868
834	Val	Pro	Ser	Glu	Lys	Leu	Ser	Ile	Tyr	Gly	Asp	Leu	Glu	Phe	Met	Asn	
835		270					275					280					
836	gaa	caa	aag	cta	aac	aga	tat	cca	gct	tct	tct	ctt	gtg	gtt	gtt	aga	916
837	Glu	Gln	Lys	Leu	Asn	Arg	Tyr	Pro	Ala	Ser	Ser	Leu	Val	Val	Val	Arg	
838	285				290					295				300			
839	tct	aaa	act	gaa	gat	cat	gaa	gaa	gca	ggg	cct	cta	cct	aca	aaa	gtg	964
840	Ser	Lys	Thr	Glu	Asp	His	Glu	Glu	Ala	Gly	Pro	Leu	Pro	Thr	Lys	Val	
841				305				310					315				
842	aat	ctt	gct	cat	tct	gaa	att	taagcatttt	tcttttaaaa	gacaa							1010
843	Asn	Leu	Ala	His	Ser	Glu	Ile										
844				320													
845	gtgtaataga	catctaaaat	tccactcctc	atagagcttt	taaaatgggt	tcattggata											1070
846	taggccttaa	gaaatcacta	taaaatgcaa	ataaagttac	tcaaattctgt	g											1121

VERIFICATION SUMMARY

DATE: 06/22/2001

PATENT APPLICATION: US/09/720,534A

TIME: 11:04:29

Input Set : A:\ES.txt

Output Set: N:\CRF3\06222001\I720534A.raw

L:10 M:282 W: Numeric Field Identifier Missing, <140> CURRENT APPLICATION NUMBER: is Added.  
L:10 M:271 C: Current Filing Date differs, Replaced Current Filing Date  
L:781 M:212 E: (34) Invalid or duplicate Sequence ID Number, SEQUENCE ID NOS:27 differs:24